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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
"Manganese-induced neurotoxicity: a review of its behavioral consequences and neuroprotective strate ...	Peres, Tanara V; Schettinger, Maria Rosa C; Chen, Pan; Carvalho, Fabiano; Avila, Daiana S; Bowman, Aaron B; Aschner, Michael	BMC Pharmacol Toxicol (2016 Nov 4)	17 / 57	PubMed Citation
15-Deoxy- δ 12,14-prostaglandin J δ modulates manganese-induced activation of the NF-*B, Nrf2, and P ...	Lee, Eunsook; Yin, Zhaobao; Sidoryk-Wegrzynowicz, Marta; Jiang, Haiyan; Aschner, Michael	Free Radic Biol Med (2012 Mar 15)	52 / 1067-74	PubMed Citation
A novel manganese-dependent ATM-p53 signaling pathway is selectively impaired in patient-based neuro ...	Tidball, Andrew M; Bryan, Miles R; Uhouse, Michael A; Kumar, Kevin K; Aboud, Asad A; Feist, Jack E; Ess, Kevin C; Neely, M Diana; Aschner, Michael; Bowman, Aaron B	Hum Mol Genet (2015 Apr 1)	24 / 1929-44	PubMed Citation
A Simple Light Stimulation of <i>Caenorhabditis elegans</i> .	Lee, Kun He; Aschner, Michael	Curr Protoc Toxicol (2016 Feb 01)	67 / 11.21.1-5	PubMed Citation
Activation of MAPK and FoxO by manganese (Mn) in rat neonatal primary astrocyte cultures.	Exil, Vernat; Ping, Li; Yu, Yingchun; Chakraborty, Sudipta; Caito, Samuel W; Wells, K Sam; Karki, Pratap; Lee, Eunsook; Aschner, Michael	PLoS One (2014)	9 / e94753	PubMed Citation
Age- and manganese-dependent modulation of dopaminergic phenotypes in a <i>C. elegans</i> DJ-1 genetic mode ...	Chen, Pan; DeWitt, Margaret R; Bornhorst, Julia; Soares, Felix A; Mukhopadhyay, Somshuvra; Bowman, Aaron B; Aschner, Michael	Metalloomics (2015 Feb)	7 / 289-98	PubMed Citation

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Anthocyanin-rich açai (<i>Euterpe oleracea</i> Mart.) extract attenuates manganese-induced oxidative stress ...	da Silva Santos, Vivian; Bisen-Hersh, Emily; Yu, Yingchun; Cabral, Ingridy Simone Ribeiro; Nardini, Viviani; Culbreth, Megan; Teixeira da Rocha, João Batista; Barbosa Jr, Fernando; Aschner, Michael	J Toxicol Environ Health A (2014)	77 / 390-404	PubMed Citation
Anti-aging effects of deuterium depletion on Mn-induced toxicity in a <i>C. elegans</i> model.	Avila, Daiana Silva; Somlyai, Gábor; Somlyai, Ildikó; Aschner, Michael	Toxicol Lett (2012 Jun 20)	211 / 319-24	PubMed Citation
Arsenic and manganese alter lead deposition in the rat.	Andrade, V; Mateus, M L; Santos, D; Aschner, M; Batoreu, M C; Marreilha dos Santos, A P	Biol Trace Elem Res (2014 Jun)	158 / 384-91	PubMed Citation
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cAMP response element-binding protein (CREB) and nuclear factor *B mediate the tamoxifen-induced up- ...	Karki, Pratap; Webb, Anton; Smith, Keisha; Lee, Kyuwon; Son, Deok-Soo; Aschner, Michael; Lee, Eunsook	J Biol Chem (2013 Oct 4)	288 / 28975-86	PubMed Citation

Cellular manganese content is developmentally regulated in human dopaminergic neurons.	Kumar, Kevin K; Lowe Jr, Edward W; Aboud, Asad A; Neely, M Diana; Redha, Rey; Bauer, Joshua A; Odak, Mihir; Weaver, C David; Meiler, Jens; Aschner, Michael; Bowman, Aaron B	Sci Rep (2014) 4 / 6801	PubMed Citation
Cellular transport and homeostasis of essential and nonessential metals.	Martinez-Finley, Ebany J; Chakraborty, Sudipta; Fretham, Stephanie J B; Aschner, Michael	Metalomics 4 / 593-605	PubMed Citation
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Chlorpyrifos-, diisopropylphosphorofluoridate-, and parathion-induced behavioral and oxidative stres ...	Lopez-Granero, Caridad; Canadas, Fernando; Cardona, Diana; Yu, Yingchun; Gimenez, Estela; Lozano, Rafael; Avila, Daiana Silva; Aschner, Michael; Sanchez-Santed, Fernando	Toxicol Sci 131 / 206-16	PubMed Citation
Chronic exposure to manganese alters brain responses to amphetamine: a pharmacological magnetic reso ...	Williams, Jason M; Milatovic, Dejan; Gore, John C; Aschner, Michael; Avison, Malcolm J	Toxicol Sci 114 / 310-22	PubMed Citation
Combinatorial polymer matrices enhance in vitro maturation of human induced pluripotent stem cell-de ...	Chun, Young Wook; Balikov, Daniel A; Feaster, Tromondae K; Williams, Charles H; Sheng, Calvin C; Lee, Jung-Bok; Boire, Timothy C; Neely, M Diana; Bellan, Leon M;	Biomaterials 67 / 52-64	PubMed Citation

Comparative study on methyl- and ethylmercury-induced toxicity in C6 glioma cells and the potential ...	Ess, Kevin C; Bowman, Aaron B; Sung, Hak-Joon; Hong, Charles C	Zimmermann, Luciana T; Santos, Danúbia B; Naime, Aline A; Leal, Rodrigo B; Dórea, José G; Barbosa Jr, Fernando; Aschner, Michael; Rocha, João Batista T; Farina, Marcelo	Neurotoxicology 38 / 1-8 (2013 Sep)	PubMed Citation
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Differential interaction of hGDH1 and hGDH2 with manganese: Implications for metabolism and toxicity ...		Dimovasili, Christina; Aschner, Michael; Plaitakis, Andreas; Zaganas, Ioannis	Neurochem Int 88 / 60-5 (2015 Sep)	PubMed Citation
Differential response to acrylonitrile toxicity in rat primary astrocytes and microglia.		Caito, Samuel; Yu, Yingchun; Aschner, Michael	Neurotoxicology 37 / 93-9 (2013 Jul)	PubMed Citation
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